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REPORT
Statistical

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REPORT NO. 175-86
December 5, 1986

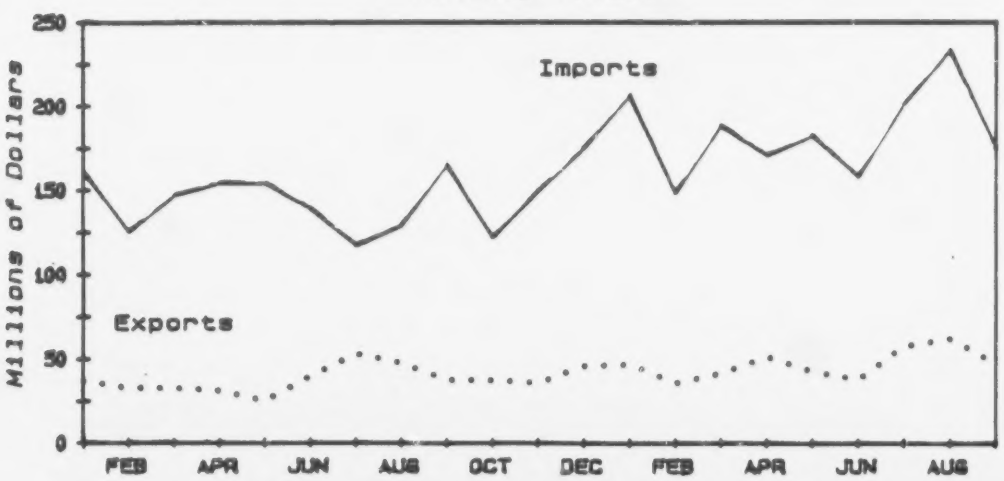
U.S. FOREIGN TRADE IN MACHINE TOOLS
September 1986

During the third quarter of 1986 U.S. foreign trade in machine tools produced a trade deficit of $442.6 million, up 16% from the $380.0 million deficit recorded during the second quarter of 1986. U.S. imports of $610.2 million were 19% above the second quarter total, while U.S. exports rose 28% above last quarter's level. Compared to the first nine months of 1985, U.S. machine tool exports rose 26% as imports increased 29%. The resulting year-to-date trade deficit of $1,242.2 million is 30% higher than the comparable 1985 deficit of $958.5.

U.S. Machine Tool Trade
($Millions)

	Third Quarter 1986			Nine Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$102.4	$434.6	($332.2)	$262.8	$1,247.9	($ 985.1)
Metal Forming	$ 65.2	$175.6	($110.4)	$159.2	$ 416.3	($ 257.1)
Total	$167.6	$610.2	($442.6)	$422.0	$1,664.2	($1,242.2)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



January 1985 - September 1986

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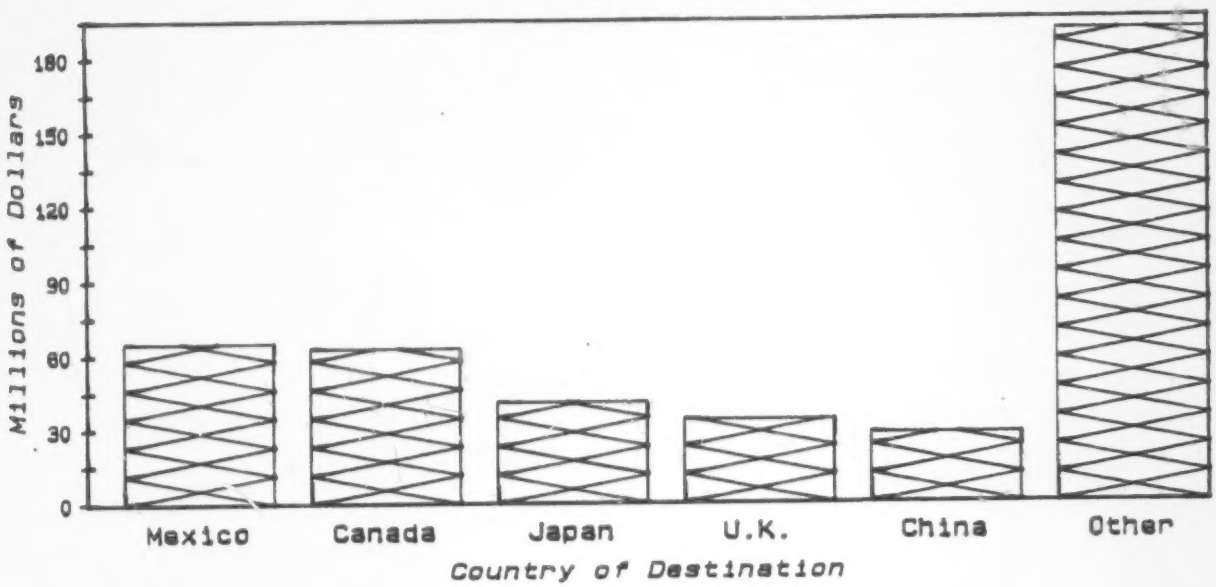
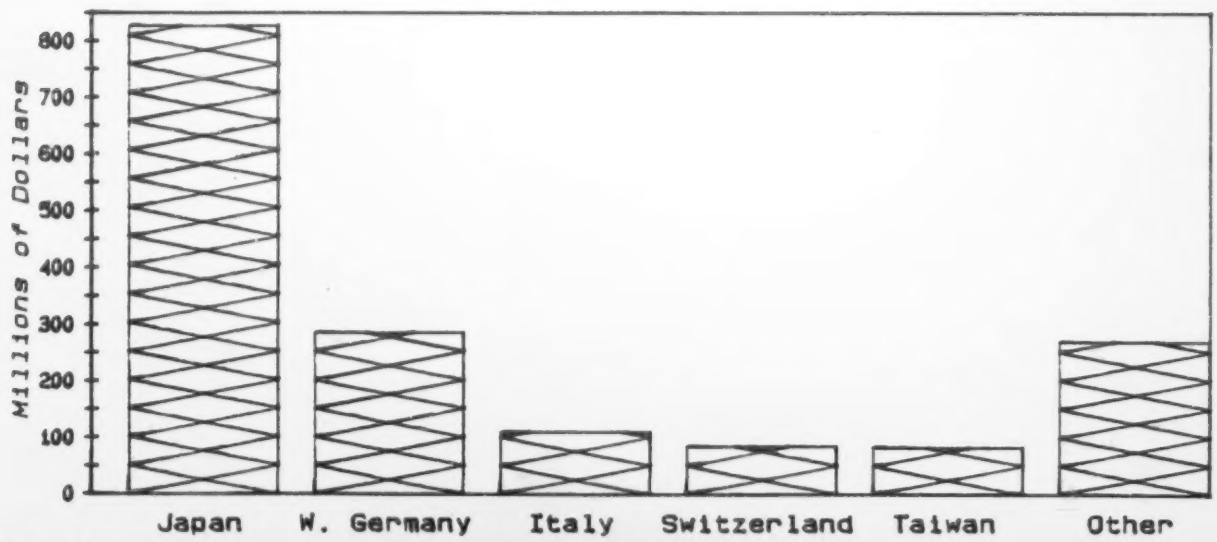
U.S. Exports of both metal cutting and metal forming machine tools rose during the third quarter of 1986. Metal forming exports increased 37% from second quarter levels, while metal cutting exports were up 22%. Compared to the first nine months of 1985, U.S. exports of metal cutting machinery rose 26%. Metal forming exports gained 27%. For January through September 1986, the leading export markets were (in millions): Mexico ($65.3), Canada ($62.9), Japan ($41.1), the United Kingdom ($33.9) and China ($28.2)

U.S. EXPORTS
1986, Year to Date



Compared to the second quarter of 1986, U.S. Imports of metal cutting and metal forming machine tools rose by 16% and 29%, respectively. The year-to-date import total for metal cutting machines rose 20% above the first nine months of 1985 while metal forming imports were up 65%. The leading sources of machine tool imports to the U.S. during the first nine months of 1986 were (in millions): Japan ($827.2), West Germany ($286.8), Italy ($110.8), Switzerland ($84.9) and Taiwan ($83.1).

U.S. IMPORTS
1986, Year to Date



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

RELEASED: DECEMBER 5, 1986

		TOTAL YTD		TOTAL MO.	
	674: METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	70	8657	4	463
3035	Gear Shapers	4	568	0	0
3045	Gear Cutting Machines, N.E.C.	18	2838	0	0
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1734	133523	134	10767
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	276	25808	26	2128
3409	Horizontal Machining Centers, ATC, NC	482	60865	45	4060
3411	Machining Centers, NC, N.E.C.	596	49902	48	3529
3412	Single Station and Multi-Station Transfer Machines	83	29533	14	1931
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	972	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	36	6765	1	189
3419	Vertical Boring-Drilling-Milling Machines, NC	173	14071	13	1105
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	21	1656	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	58	2461	12	410
3328	Drilling Machines, NC	112	8963	8	591
3329	Drilling Machines, Multi-Spindle, Non-NC	34	2508	2	205
3334	Drilling Machines, Radial, Non-NC	208	1687	9	49
3336	Drilling Machines, Upright, Single Spindle, Non-NC	71	478	4	12
3342	Drilling Machines, Non-NC, N.E.C.	510	17173	32	2387
3464	Milling Machines, NC	612	46208	110	5626
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	21	1203	3	259
3467	Milling Machines, Knee Type, Non-NC	2829	16073	336	1967
3468	Milling Machines, Bed Type, Non-NC	228	4587	13	659
3469	Milling Machines, Non-NC, N.E.C.	1319	19549	154	2423
3476	Vertical Boring Machines, Incl. UTL's, NC	67	9749	11	957
3477	Vertical Boring Machines, Incl. UTL's, Non-NC	104	3316	10	77
3481	Boring Machines, NC, N.E.C.	18	9820	1	51
3483	Boring Machines, Non-NC N.E.C.	459	53476	30	311
3504	Horizontal Lathes, Multi-Spindle, NC	35	3818	1	222
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2865	111755	352	11719
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	710	48361	32	2117
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	239	16169	32	3488
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3104	25691	308	3062
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	91	3026	7	266
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	118	10668	8	647
3515	Automatic Bar Machines, Single Spindle, Non-NC	39	846	0	0
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	16	2515	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	195	8418	39	607
3505	Vertical Lathes, Multi-Spindle, NC	96	8957	8	682
3519	Vertical Lathes, NSPF, NC	367	23750	27	867
3522	Vertical Lathes, Excl. VTL's, Non-NC	1288	26884	103	1789
3527	Gear Tooth Grinding & Finishing Machines	397	13240	13	1421
3528	Tool & Cutter Grinding Machines, NC	70	3303	4	105
3529	Tool & Cutter Grinding Machines, Non-NC	1044	17227	96	2417
3533	Honing & Lapping Machines	177	10790	16	763
3539	Grinding Machines, Flat Surface, NC	43	6693	6	880
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	369	5510	28	319
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1134	22331	150	1967
3546	Grinding & Polishing Machines, NC, N.E.C.	97	10027	7	609
3554	External Grinding Machines, Non-NC	747	15599	13	2144
3556	Internal Grinding Machines, Non-NC	80	4155	10	219
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	160	7392	5	153
3559	Grinding Machines, Non-NC, N.E.C.	1391	47391	85	3270
3562	Traveling Wire Electrical Discharge Machines	591	43953	44	2357
3564	All Other Electrical Discharge Machines	429	19562	27	1629
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	54	4003	1	84
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	179	3371	4	273
3576	Metal Cutting Machines Tools, NC, N.E.C.	110	49715	28	31946
3577	Sawing & Cut-Off Machines, Non-NC	1468	21191	116	2461
3578	Broaching Machines, Non-NC	63	1681	46	242
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	825	20795	134	3301
4000	Metal Cutting Machine Tools, Used or Rebuilt*	5139	20877	1329	2677
5000	Metal Cutting Machine Tools, Less Than $2500**	542190	75663	118458	9647
	TOTAL CUTTING			122557	134513
	TOTAL CUTTING YTD	576068	1247931		
	674: METAL FORMING				
1010	Die Casting Machines	629	26356	34	549
3582	Metal Forming Machine Tools, Used or Rebuilt	314	5322	35	1032
3583	Metal Forming Machine Tools, Less Than $2500	18350	7612	1092	626
3584	Punching and Shearing Machines, Incl. Combination, NC	391	45032	69	8020
3586	Shearing Machines, Non-NC	871	16933	38	592
3587	Punching & Combination Punching & Shearing Machines, Non-NC	607	10692	44	504
3588	Bending, Folding, Straightening & Flattening Machines, NC	298	28260	22	1300
3589	Press Brakes, Non-NC	904	24824	92	2258
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	160	2401	11	276
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1001	29227	92	6869
3593	Metal Forming Machine Tools, NC, N.E.C	37	3051	2	888
3594	Mechanical Presses, Non-NC	259	22612	29	2105
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	73	7221	1	9
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	842	103828	48	9422
3597	Headers & Upsetters, Non-NC	97	7310	3	266
3598	Forging Machines, Non-NC, N.E.C.	114	5095	4	262
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1693	70464	122	5631
	TOTAL FORMING			1738	40611
	TOTAL FORMING YTD	26640	416273		
	TOTAL ALL TYPES			124295	175124
	TOTAL ALL TYPES YTD	602708	1664204		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	4	127	0	0	0	0	0	0
3412	0	0	0	0	0	0	2	193	1	180
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	5	175	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	3	676	2	123
3464	0	0	0	0	0	0	0	0	12	565
3466	0	0	0	0	0	0	0	0	1	241
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	8	57	0	0	0	0	0	0	2	72
3476	0	0	0	0	0	0	11	957	0	0
3477	0	0	0	0	0	0	0	0	10	77
3481	0	0	0	0	0	0	0	0	1	51
3483	0	0	0	0	3	40	0	0	23	217
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	3	85
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	30	234
3505	0	0	0	0	0	0	0	0	0	0
3519	16	87	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	15	105	3	10
3527	0	0	1	27	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	4	105
3529	0	0	0	0	0	0	0	0	14	137
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	27	299
3543	0	0	0	0	5	40	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	11	421	0	0	10	475
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	19	248
3578	0	0	0	0	0	0	0	0	1	83
3579	3	16	0	0	3	129	1	43	5	28
4000	6	18	21	35	2	11	642	550	2	23
5000	319	72	34	53	36	18	7	10	893	165
CUT MO.	352	250	60	302	65	833	681	2536	1063	3415
CUT YTD	3177	5041	606	2478	550	1849	4671	19313	7258	81113
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	16	745
3583	2	2	10	7	0	0	16	9	91	56
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	20	0	0	4	54	8	127
3587	0	0	0	0	0	0	5	13	21	198
3588	0	0	0	0	0	0	0	0	12	624
3589	0	0	12	270	0	0	0	0	3	62
3591	0	0	0	0	0	0	0	0	1	35
3592	0	0	3	13	0	0	1	20	14	378
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	7	185
3595	0	0	0	0	0	0	0	0	1	9
3596	0	0	0	0	0	0	2	1849	2	2976
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	43	2	80	20	565
FRM MO.	2	2	26	311	1	43	30	2025	196	5958
FRM YTD	312	875	498	7589	101	1399	753	7831	2941	29637
TOT MO.	354	251	86	613	66	876	711	4561	1259	9373
TOT YTD	3489	5917	1104	10067	651	3248	5424	27144	10199	110750

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	138
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	6	1020
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	8	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	1	24	0	0	0	0	0	0	2	709
3464	0	0	0	0	10	133	1	18	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	148	963	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	5	99	1	93	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	3	174	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	8
3505	0	0	0	0	0	0	0	0	1	177
3519	0	0	0	0	0	0	2	325	0	0
3522	0	0	0	0	1	14	0	0	1	38
3527	0	0	0	0	0	0	1	137	5	928
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	7	95
3533	0	0	0	0	0	0	0	0	1	149
3539	1	580	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	3	159	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	64
3554	0	0	0	0	0	0	0	0	7	715
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	1	122
3559	0	0	0	0	0	0	0	0	2	21
3562	0	0	0	0	0	0	0	0	13	1132
3564	0	0	0	0	0	0	0	0	2	144
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	2	113
3577	3	10	0	0	1	3	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	4	83	0	0	1	11	2	281
4000	2	35	0	0	5	6	0	0	6	28
5000	34	53	0	0	0	0	122	116	408	119
CUT MO.	41	702	4	83	177	1559	128	699	469	6001
CUT YTD	1237	15260	285	634	2053	15365	2245	7716	2718	70707
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	1	17	0	0
3583	0	0	0	0	0	0	20	2	7	1
3584	0	0	0	0	0	0	0	0	7	392
3586	0	0	0	0	0	0	0	0	0	0
3587	0	0	0	0	0	0	2	31	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3591	0	0	0	0	0	0	5	96	0	0
3592	2	38	0	0	0	0	4	34	1	361
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	2	1571	4	430
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	7	1	18	4	262
FRM MO.	2	38	0	0	1	7	35	1769	23	1446
FRM YTD	491	2011	78	1465	348	2978	508	8904	818	14231
TOT MO.	43	740	4	83	178	1566	163	2468	492	7447
TOT YTD	1728	17271	363	2099	2401	18343	2753	16620	3536	84938

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

674:	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	279	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	4	353	0	0	0	0	0	0	0	0
3406	1	74	0	0	0	0	0	0	0	0
3409	10	502	0	0	0	0	0	0	0	0
3411	0	0	6	835	0	0	3	143	0	0
3412	1	88	1	164	0	0	3	285	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	13	1105	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	2	149	0	0	0	0	0	0
3328	0	0	2	292	0	0	0	0	0	0
3329	0	0	1	164	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	4	190	3	572	0	0	2	18	0	0
3464	24	684	6	431	0	0	0	0	0	0
3466	0	0	1	9	0	0	0	0	0	0
3467	33	190	0	0	0	0	0	0	0	0
3468	6	89	2	415	0	0	0	0	0	0
3469	0	0	2	1102	0	0	1	4	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	1	222	0	0	0	0	0	0
3506	33	329	4	859	0	0	0	0	0	0
3508	0	0	1	466	0	0	0	0	0	0
3510	0	0	3	1242	0	0	1	290	0	0
3512	61	726	0	0	0	0	1	31	22	197
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	20	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	9	35	3	341	0	0	5	85	12	67
3527	0	0	1	140	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	2	56	33	1542	0	0	2	31	0	0
3533	7	338	2	261	0	0	0	0	0	0
3539	3	254	1	25	0	0	1	22	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	1	282	1	100	10	41	2	14	0	0
3546	1	104	4	428	0	0	0	0	0	0
3554	0	0	4	1369	0	0	0	0	0	0
3556	0	0	1	170	0	0	0	0	0	0
3558	1	13	0	0	0	0	0	0	0	0
3559	15	632	21	1369	0	0	1	6	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	1	180	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	2	28	1	30	0	0	0	0	0	0
3576	0	0	1	104	0	0	0	0	0	0
3577	14	58	14	1025	0	0	10	88	0	0
3578	0	0	45	158	0	0	0	0	0	0
3579	4	359	18	737	0	0	25	411	0	0
4000	61	229	19	195	0	0	28	237	0	0
5000	506	142	21614	1330	0	0	552	312	0	0
CUT MO.	805	5975	21834	17805	10	41	637	1977	34	283
CUT YTD	8527	59532	117332	216442	522	3726	5728	17878	788	3500
1010	0	0	0	0	0	0	25	280	0	0
3582	1	35	2	10	0	0	2	57	0	0
3583	7	7	86	128	0	0	126	48	0	0
3584	0	0	1	189	0	0	0	0	0	0
3586	10	30	1	6	0	0	6	120	0	0
3587	1	112	12	33	0	0	2	57	0	0
3588	0	0	0	0	0	0	5	80	0	0
3589	0	0	0	0	0	0	10	208	0	0
3591	1	4	0	0	0	0	1	50	0	0
3592	5	400	18	2198	0	0	28	305	0	0
3593	0	0	2	888	0	0	0	0	0	0
3594	0	0	5	228	0	0	4	38	1	1174
3595	0	0	0	0	0	0	0	0	0	0
3596	2	196	10	1082	0	0	3	595	0	0
3597	0	0	2	222	0	0	0	0	0	0
3598	0	0	1	86	0	0	0	0	0	0
3599	7	1054	37	2231	0	0	39	824	0	0
FRM MO.	34	1837	177	7299	0	0	251	2631	1	1174
FRM YTD	831	18668	4524	70399	3	299	1644	23117	33	13499
TOT MO.	839	7812	22011	25105	10	41	888	4608	35	1437
TOT YTD	9358	78200	121856	286841	525	4025	7372	40995	819	17000

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	121	10081	0	0	1	53
3406	0	0	0	0	19	1753	0	0	0	0
3409	0	0	0	0	30	3282	0	0	0	0
3411	0	0	0	0	17	1815	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	1	189	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	42	0	0	0	0
3328	0	0	0	0	6	299	0	0	0	0
3329	0	0	0	0	1	41	0	0	0	0
3334	1	3	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	1	10	0	0	0	0
3464	0	0	0	0	13	3204	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	1	26	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	10	42	0	0	4	363	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	3	52	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	248	9732	12	471	0	0
3508	0	0	0	0	31	1651	0	0	0	0
3510	0	0	0	0	28	1956	0	0	0	0
3512	1	12	0	0	9	708	1	20	35	306
3513	0	0	0	0	1	72	0	0	0	0
3514	0	0	0	0	8	647	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	4	275	2	71	0	0
3505	0	0	0	0	7	504	0	0	0	0
3519	0	0	0	0	6	334	0	0	0	0
3522	1	42	1	14	18	815	1	5	0	0
3527	0	0	0	0	4	186	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	20	418	0	0	1	7
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	1	20	0	0	0	0
3543	0	0	0	0	28	927	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	2	60	0	0	0	0
3556	0	0	0	0	0	0	8	44	0	0
3558	0	0	0	0	0	0	3	19	0	0
3559	0	0	0	0	4	241	9	34	0	0
3562	0	0	0	0	30	1216	0	0	0	0
3564	0	0	0	0	19	1252	0	0	0	0
3567	0	0	0	0	1	84	0	0	0	0
3571	0	0	0	0	1	215	0	0	0	0
3576	0	0	0	0	25	31728	0	0	0	0
3577	0	0	4	288	22	649	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	67	1199	0	0	0	0
4000	0	0	0	0	38	462	0	0	0	0
5000	194	96	0	0	17775	2951	2	4	60	56
CUT MO.	207	193	5	302	18615	79458	38	669	97	423
CUT YTD	607	2487	179	1487	124316	623221	703	7880	592	5037
1010	0	0	0	0	1	5	0	0	0	0
3582	0	0	0	0	8	143	0	0	0	0
3583	5	1	0	0	157	150	0	0	5	10
3584	0	0	0	0	61	7439	0	0	0	0
3586	0	0	0	0	8	236	0	0	0	0
3587	0	0	0	0	1	60	0	0	0	0
3588	0	0	0	0	5	637	0	0	0	0
3589	0	0	0	0	65	1692	0	0	0	0
3591	0	0	0	0	2	76	0	0	0	0
3592	0	0	0	0	11	3078	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	10	465	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	21	707	0	0	0	0
3597	0	0	0	0	1	44	0	0	0	0
3598	0	0	0	0	1	166	0	0	0	0
3599	0	0	0	0	8	495	0	0	0	0
FRM MO.	5	1	0	0	360	15392	0	0	5	10
FRM YTD	16	3	37	775	5809	203992	2	46	50	444
TOT MO.	212	194	5	302	18975	94850	38	669	102	433
TOT YTD	623	2490	216	2263	130125	827213	705	7926	642	5481

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1986

674:	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	0	0	0	0	1	46
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	8	279	0	0	0	0
3406	6	302	0	0	0	0
3409	5	276	0	0	0	0
3411	18	610	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	0	0	0	0	3	36
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	7	31	0	0	1	15
3336	4	12	0	0	0	0
3342	4	23	0	0	10	42
3464	44	592	0	0	0	0
3466	1	9	0	0	0	0
3467	154	587	0	0	0	0
3468	5	155	0	0	0	0
3469	121	593	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	1	3
3504	0	0	0	0	0	0
3506	52	297	3	32	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	172	803	0	0	0	0
3513	6	194	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	3	121	0	0	0	0
3522	17	103	0	0	16	116
3527	1	3	0	0	0	0
3528	0	0	0	0	0	0
3529	15	105	0	0	2	26
3533	6	16	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	99	393	0	0	1	12
3546	0	0	0	0	1	14
3554	0	0	0	0	0	0
3556	1	4	0	0	0	0
3558	0	0	0	0	0	0
3559	12	73	0	0	0	0
3562	1	9	0	0	0	0
3564	5	53	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	29	92	0	0	0	0
3578	0	0	0	0	0	0
3579	1	6	0	0	0	0
4000	487	546	1	11	9	229
5000	75683	4049	0	0	219	101
CUT MO.	76967	10333	4	43	264	639
CUT YTD	289398	80704	509	651	2069	5806
1010	0	0	0	0	8	264
3582	1	6	0	0	4	19
3583	523	138	0	0	37	67
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	2	26	0	0	0	0
3591	1	5	0	0	0	0
3592	0	0	0	0	5	45
3593	0	0	0	0	0	0
3594	2	18	0	0	0	0
3595	0	0	0	0	0	0
3596	2	17	0	0	0	0
3597	0	0	0	0	0	0
3598	1	3	1	7	0	0
3599	1	9	0	0	1	45
FRM MO.	533	219	1	7	55	440
FRM YTD	6061	2347	17	273	765	5459
TOT MO.	77500	10552	5	50	319	1079
TOT YTD	295459	83051	526	923	2834	11265

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
SEPTEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	16	0	0	2	16
EAST GERMANY	2	75	0	0	2	75
FINLAND	0	0	3	35	3	35
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	1	15	0	0	1	15
ICELAND	0	0	0	0	0	0
IRELAND	9	229	12	283	21	512
MALTA	0	0	0	0	0	0
NORWAY	4	18	0	0	4	18
POLAND	10	86	0	0	10	86
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	28	439	15	317	43	756
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	73	6	37	67	110	74
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	73	6	37	67	110	74
OTHER SOUTH AMERICA						
ARGENTINA	46	59	0	0	46	59
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	46	59	0	0	46	59
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
SEPTEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	97	52	0	0	97	52
INDIA	6	30	0	0	6	30
INDONESIA	2	26	0	0	2	26
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	45	1	45
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	105	109	1	45	106	154
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	1	4	1	4
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	12	26	0	0	12	26
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP S. AFRICA	0	0	1	6	1	6
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	12	26	2	10	14	36

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

RELEASED: DECEMBER 5, 1986

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	50	2810	8	622
3045	Gear Cutting Machines, N.E.C.	80	17852	8	1924
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	13	1328	1	83
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	3810	0	0
3209	Horizontal Machining Centers, ATC, NC	17	3846	1	124
3211	Machining Centers, NC, N.E.C.	63	5778	8	695
3216	Single Station and Multi-Station Transfer Machines	36	26356	5	4744
3225	Way Type Machines (Unit Heads)	2	75	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	2888	1	250
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	164	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	12	1332	1	36
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	5	695	1	197
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	20	3025	2	196
3254	Drilling Machines, NC	15	1622	3	366
3255	Drilling Machines, Multi-Spindle, Non-NC	28	6806	4	3128
3256	Drilling Machines, Radial, Non-NC	10	114	1	4
3257	Drilling Machines, Upright, Single Spindle, Non-NC	9	189	0	0
3258	Drilling Machines, Non-NC, N.E.C.	148	3405	9	336
3264	Milling Machines, NC	25	6088	3	338
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	39	3363	5	313
3267	Milling Machines, Knee Type, Non-NC	5	370	1	105
3268	Milling Machines, Bed Type, Non-NC	7	2693	2	93
3269	Milling Machines, Non-NC, N.E.C.	80	4291	8	1124
3276	Vertical Boring Machines, Incl. VTLs, NC	15	5814	2	679
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	203	14155	18	1113
3281	Boring Machines, NC, N.E.C.	3	1443	1	1176
3283	Boring Machines, Non-NC, N.E.C.	50	3127	5	446
3503	Horizontal Lathes, Multi-Spindle, NC	5	773	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	99	7536	5	442
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	15	1951	1	317
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	1237	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	56	1005	2	68
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	8	1612	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	9	408	3	140
3515	Automatic Bar Machines, Single-Spindle, Non-NC	21	915	3	354
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	16	728	1	79
3518	Horizontal Lathes, Non-NC, N.E.C.	983	13946	60	1701
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	10	2486	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	28	2477	1	28
3525	Vertical Lathes, Excl. VTLs, Non-NC	123	6708	9	351
3528	Grinding, Polishing, Honing & Lapping Machines, NC	42	4595	13	952
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	40	4161	3	475
3531	Tool & Cutter Grinding Machines, Non-NC	124	4275	10	122
3532	Honing & Lapping Machines, Non-NC	183	7132	21	318
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	33	618	0	0
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	143	10294	12	1333
3541	External Grinding Machines, Non-NC	24	2280	2	260
3542	Internal Grinding Machines, Non-NC	6	1078	1	86
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	129	5913	6	753
3546	Grinding Machines, Non-NC, N.E.C.	158	3985	13	176
3547	Traveling Wire Electrical Discharge Machines	6	296	0	0
3549	All Other Electrical Discharge Machines	86	1563	3	36
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	12	1384	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	26	919	3	202
3559	Metal Cutting Machine Tools, NC, N.E.C.	15	1074	0	0
3565	Sawing & Cut-Off Machines, Non-NC	340	6510	23	430
3566	Broaching Machines, Non-NC	5	555	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	152	5578	7	116
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2314	25456	197	3096
5000	Metal Cutting Machine Tools, Less Than $2500**	25823	9827	2339	973
	TOTAL CUTTING			2836	30903
	TOTAL CUTTING YTD	31992	262766		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	13992	0	2802
3568	Metal Forming Machine Tools, Used Or Rebuilt	740	4676	109	1067
3569	Metal Forming Machine Tools, Less Than $2500	3245	2194	567	432
3571	Punching & Shearing Machines, Incl. Combination, NC	32	3622	5	532
3573	Shearing Machines, Non-NC	43	983	6	156
3575	Punching & Combination Punching & Shearing Machines, Non-NC	320	10672	18	2062
3578	Bending, Folding, Straightening & Flattening Machines, NC	103	3300	3	38
3582	Press Brakes, Non-NC	82	3261	3	130
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	17	1098	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	354	16654	24	1582
3588	Mechanical Presses, Non-NC	131	10198	21	2272
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	36	8265	5	107
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	542	29504	66	1459
3594	Headers & Upsetters, Non-NC	56	9480	3	1272
3595	Forging Machines, Non-NC, N.E.C.	84	6687	3	175
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	462	34609	55	2493
	TOTAL FORMING			888	16583
	TOTAL FORMING YTD	6247	159220		
	TOTAL ALL TYPES			3724	47486
	TOTAL ALL TYPES YTD	38239	421986		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	16	953	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	7	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	5	51	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	36	0	0	0	0	0	0	0	0
5000	11	2	0	0	0	0	3	4	0	0
CUT MO.	13	37	16	953	0	0	9	62	0	0
CUT YTD	20	237	636	13190	4	154	2707	2819	30	699
1011	0	11	0	0	0	0	0	15	0	0
3568	0	0	9	112	0	0	0	0	6	21
3569	0	0	6	5	0	0	38	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	2	430	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	5	107	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	241	0	0	0	0	0	0	1	37
FRM MO.	1	252	15	117	0	0	45	559	7	59
FRM YTD	11	586	91	2129	7	82	190	4994	66	980
TOT MO.	14	289	31	1069	0	0	54	620	7	59
TOT YTD	31	823	727	15519	11	236	2897	7813	96	1679

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

674:	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	1	59
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	5	60
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	54
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	50	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	31	0	0	0	0	1	3	0	0
5000	5	3	25	47	0	0	106	6	3	4
CUT MO	6	33	25	47	0	0	108	59	10	176
CUT YTD	718	4186	195	1805	1	231	1013	1360	488	1543
1011	0	71	0	3	0	0	0	0	0	0
3568	1	700	0	0	0	0	0	0	0	0
3569	0	0	4	2	0	0	3	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	2	221	0	0	0	0	0	0	1	59
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	1	25	0	0	0	0	0	0	0	0
3598	8	1000	1	25	0	0	0	0	0	0
FRM MO	12	2018	5	30	0	0	3	2	1	59
FRM YTD	37	5116	48	543	7	301	20	720	12	1658
TOT MO	18	2051	30	76	0	0	111	60	11	235
TOT YTD	755	9302	243	2348	8	532	1033	2080	500	3202

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

674:	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	4	4605	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	1	187	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	4	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	115	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	55	0	0	0	0	1	9	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	3	140	0	0
3515	0	0	0	0	0	0	2	349	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	98	0	0
3528	6	421	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	8	86	0	0	0	0	1	7	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	36	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	245	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	35	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	253	2	87	0	0	16	155	0	0
5000	77	9	276	116	0	0	111	78	0	0
CUT MO.	93	825	287	4997	0	0	137	1279	0	0
CUT YTD	992	3672	1445	28849	5	831	1263	10598	50	563
1011	0	0	0	7	0	0	0	55	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	1	1	0	0	12	7	0	0
3571	0	0	0	0	0	0	1	197	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	42	0	0	1	77	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	3	582	0	0
3594	0	0	0	0	0	0	1	240	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	2	10	0	0	1	8	0	0
FRM MO.	0	0	4	60	0	0	19	1166	0	0
FRM YTD	39	1137	128	5042	1	240	313	13456	3	482
TOT MO.	93	825	291	5057	0	0	156	2445	0	0
TOT YTD	1031	4809	1573	33891	6	1070	1576	24054	53	1045

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	66	0	0	0	0	0	0
3045	0	0	1	73	1	76	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	124	0	0	0	0	0	0
3211	0	0	1	230	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	1	5	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	4	3128	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	5	305	2	9	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	2	289	3	24	0	0	0	0
3267	0	0	1	105	0	0	0	0	0	0
3268	0	0	2	93	0	0	0	0	0	0
3269	0	0	1	30	4	969	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	1	1176	0	0	0	0
3283	0	0	0	0	1	300	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	304	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	23	1	45	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	5	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	8	47	1500	2	14	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	87	1	40	0	0	0	0
3528	0	0	5	164	1	31	0	0	0	0
3529	0	0	0	0	1	21	0	0	0	0
3531	0	0	3	26	6	86	1	11	0	0
3532	0	0	6	117	1	58	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	5	3	736	1	21	0	0
3541	0	0	1	224	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	11	0	0	0	0
3546	0	0	1	5	2	10	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	2	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	8	177	12	180	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	4	3	56	0	0	0	0
4000	0	0	56	484	40	502	9	38	0	0
5000	0	0	413	354	84	90	10	10	0	0
CUT MO.	0	0	518	3302	220	9051	23	93	0	0
CUT YTD	217	1363	5792	30606	3047	42834	488	1465	120	361
1011	0	0	0	772	0	1538	0	0	0	0
3568	0	0	1	2	83	77	0	0	0	0
3569	3	3	214	146	102	153	13	8	0	0
3571	0	0	4	335	0	0	0	0	0	0
3573	0	0	0	0	3	110	0	0	0	0
3575	0	0	3	1139	6	126	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	10	258	5	650	0	0	0	0
3588	0	0	1	21	12	1171	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	1	7	57	727	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	2	150	0	0	0	0	0	0
3598	0	0	17	189	8	80	0	0	0	0
FRM MO.	4	37	253	3018	276	4630	13	8	0	0
FRM YTD	44	894	1890	32338	1694	22483	57	506	2	118
TOT MO.	4	37	771	6319	496	13681	36	101	0	0
TOT YTD	261	2257	7682	62944	4741	65317	545	1971	122	479

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

674:	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	657
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	1	253	0	0	0	0
3216	0	0	0	0	1	138	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	1	191
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	8	0	0
3264	2	187	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	2	52	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	4	37
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	1	28
3525	0	0	0	0	0	0	0	0	4	65
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	143
3546	0	0	0	0	6	20	0	0	2	54
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	22
4000	15	109	1	3	8	103	2	13	0	0
5000	9	6	0	0	0	0	0	0	154	27
CUT MO.	26	302	1	3	16	515	5	72	170	1224
CUT YTD	110	10038	94	1245	1177	2020	414	796	583	21891
1011	0	17	0	0	0	32	0	4	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	13	11	0	0	0	0	12	4	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	2	6	0	0
3575	0	0	0	0	0	0	0	0	3	180
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	96	0	0	0	0	0	0	0	0
3588	1	317	0	0	0	0	1	33	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	65	0	0	1	45
FRM MO.	18	440	0	0	1	97	15	46	4	224
FRM YTD	28	1394	34	204	85	1957	45	564	54	6287
TOT MO.	44	742	1	3	17	612	20	118	174	1448
TOT YTD	138	11432	128	1449	1262	3976	459	1360	637	28178

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	2	426	0	0	5	131	0	0
3045	0	0	2	653	0	0	3	465	0	0
3204	1	83	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	1	250	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	36	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	14	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	2	137	0	0
3507	0	0	0	0	0	0	1	317	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	79	0	0
3518	0	0	0	0	1	83	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	335	0	0
3529	0	0	0	0	0	0	2	454	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	3	154	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	86	0	0
3544	0	0	1	177	0	0	0	0	1	173
3546	0	0	0	0	0	0	1	38	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	78	2	124
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	2	59	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	4	0	0	0	0	19	903	0	0
5000	27	6	5	10	16	17	768	109	3	6
CUT MO.	32	378	10	1266	17	100	811	3358	6	303
CUT YTD	990	1713	196	7041	501	1664	4488	27383	559	15571
1011	0	0	0	41	0	3	0	124	0	92
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	32	9	2	4	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	2	546	0	0	0	0
3578	0	0	0	0	0	0	3	38	0	0
3582	0	0	0	0	0	0	0	0	2	80
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	344
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	3	54	0	0
3594	0	0	0	0	0	0	2	1032	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	13	47	0	0
FRM MO.	0	0	0	41	34	558	23	1299	3	515
FRM YTD	20	167	48	1755	86	2393	274	13725	73	9327
TOT MO.	32	378	10	1307	51	658	834	4657	9	818
TOT YTD	1010	1880	244	8795	587	4057	4762	41107	632	24898

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	6	212	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	1	293	1	14
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	46	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	1	7	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	4
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	13	193
5000	1	1	0	0	0	0	22	18	2	2
CUT MO.	1	1	0	0	1	7	30	569	17	213
CUT YTD	34	1677	108	269	95	339	413	3452	501	3214
1011	0	0	0	0	0	0	0	0	0	0
3568	0	0	0	0	2	65	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	53	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	30	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	747
FRM MO.	0	0	0	0	2	65	3	82	1	747
FRM YTD	0	0	15	98	43	8685	106	2699	54	2580
TOT MO.	1	1	0	0	3	72	33	651	18	959
TOT YTD	34	1677	123	366	138	9024	519	6151	555	5794

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	1	152	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	2	679	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	25	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	3	411	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	14	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	35	0	0	0	0
4000	4	159	1	9	0	0	0	0	0	0
5000	0	0	63	14	24	18	0	0	0	0
CUT MO	12	1439	64	23	25	53	0	0	0	0
CUT YTD	100	9753	537	2536	1309	3134	52	98	8	106
1011	0	0	0	7	0	8	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	5	72	35	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	2	20	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	1	51	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	1	51	2	12	74	63	0	0	0	0
FRM YTD	16	7148	47	1833	375	3243	106	111	0	0
TOT MO.	13	1490	66	35	99	116	0	0	0	0
TOT YTD	116	16902	584	4369	1684	6377	158	209	8	106

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1986

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	1	74	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	1	58	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	3	6	1	7
5000	0	0	121	17	0	0
CUT MO.	2	131	124	22	1	7
CUT YTD	90	207	239	583	163	418
1011	0	0	0	4	0	0
3568	0	0	7	90	0	0
3569	0	0	38	32	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	1	40
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	2	107
3589	0	0	0	0	0	0
3590	0	0	0	0	1	55
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	45	126	4	202
FRM YTD	3	153	63	812	12	257
TOT MO.	2	131	169	148	5	209
TOT YTD	93	359	302	1395	175	675

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
SEPTEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	1	34	1	34
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	3	3	3	3
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	0	0	4	37	4	37
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	7	34	0	0	7	34
DOMINICAN REP.	6	19	0	0	6	19
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	1	2	0	0	1	2
HONDURAS	2	7	0	0	2	7
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	3	23	13	8	16	31
SALVADOR	4	8	0	0	4	8
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	23	93	13	8	36	101
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
ECUADOR	2	13	12	4	14	16
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	1	8	0	0	1	8
PERU	2	52	3	42	5	94
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	5	72	15	46	20	118
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
SEPTEMBER 1986

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	4	8	0	7	4	15
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	1	1	0	0	1	1
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	2	5	2	5
QATAR	0	0	0	0	0	0
SRI LANKA	1	9	0	0	1	9
SYRIA	0	0	0	0	0	0
THAILAND	58	5	0	0	58	5
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	64	23	2	12	66	35
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	1	40	1	40
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	7	2	107	3	114
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	1	55	1	55
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	7	4	202	5	209

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.